

Date: Wednesday, 6/7/2006 2:28:03 PM  
 User: Linda Lacelle

## Process Sheet

Customer	: CC-DAR01 Dart Aerospace Ltd.	Drawing Name	: D206-746-011
Job Number	: 27430		
Estimate Number	: 10804		
P.O. Number	: N/A	Part Number	: Z_CUSTOM
This Issue	: 6/7/2006	S.O. No.	: N/A
Prsht Rev.	: NC	Drawing Number	: UPDATE CHG 002
First Issue	: 6/6/2006	Project Number	: N/A
Previous Run	: 00015	Drawing Revision	: N/A
		Material	: N/A
Written By	: <u>SEE ABOVE USER &amp; DATE</u>	Due Date	: 6/13/2006
Checked & Approved By	: _____	Qty:	5 Um: Each
Comment	: _____		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

1.0	PACKAGING 1	PACKAGING RESOURCE #1
-----	-------------	-----------------------



Comment: PACKAGING RESOURCE #1  
 PICK KIT:

2.0	D34755	SCREEN
-----	--------	--------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 5.0000 Each(s)

SCREEN

B27453

6 mcp

4 P.O. 1730

1 P.O. 1731

1 P.O. 1732

3.0	D34757	scoop outlet
-----	--------	--------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 5.0000 Each(s)

scoop outlet

B27453

6 mcp

4 P.O. 1730

1 P.O. 1731

1 P.O. 1732

4.0	D34785	SCREEN
-----	--------	--------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 5.0000 Each(s)

SCREEN

B27454

6 mcp

4 P.O. 1730

1 P.O. 1731

1 P.O. 1732

5.0	D34715	STIFFENER
-----	--------	-----------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 5.0000 Each(s)

STIFFENER

B27455

6 mcp

1 P.O. 1731

4 P.O. 1730

1 P.O. 1732

Date: Wednesday, 6/7/2006 2:28:03 PM  
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## Process Sheet

Customer: CC-DAR01 Dart Aerospace Ltd.

Drawing Name: D206-746-011

Job Number: 27430

Part Number: Z\_CUSTOM

Job Number:



Seq. #:	Machine Or Operation:	Description :
---------	-----------------------	---------------

6.0	D34759	OUTLET GASKET
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 5.0000 Each(s)

OUTLET GASKET B27456

1 P.O. 1731

1 P.O. 1732 4 P.O. 1730

7.0	D34787	INLET GASKET
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 5.0000 Each(s)

INLET GASKET B27457 6 MCF

1 P.O. 1731

1 P.O. 1732 4 P.O. 1730

8.0	D34789	INLET SCOOP
-----	--------	-------------



Comment: Qty.: 1.0000 Each(s)/Unit Total : 5.0000 Each(s)

INLET SCOOP B27542 6 MCF

4 P.O. 1730

1 P.O. 1732 1 P.O. 1731

9.0	D348213	HOSE INSULATION
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Comment: Qty.: 1.0000 Each(s)/Unit Total : 5.0000 Each(s)

HOSE INSULATION B26965 6 MCF

4 P.O. 1730

1 P.O. 1731 1 P.O. 1732

10.0	AN33A	Bolt
------	-------	------



Comment: Qty.: 26.0000 Each(s)/Unit Total : 130.0000 Each(s)

Bolt M19444 98 MCF 33 MCF M100651

131 MCF

33 P.O. 1732

71 P.O. 1732

26 P.O. 1731

11.0	AN9604L	washer
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Comment: Qty.: 4.0000 Each(s)/Unit Total : 20.0000 Each(s)

washer M14606 46 MCF

4 P.O. 1731

16 P.O. 1730 26 P.O. 1732

12.0	AN96010L	Washer
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Comment: Qty.: 26.0000 Each(s)/Unit Total : 130.0000 Each(s)

Washer M19356 134 MCF

104 P.O. 1730

4 P.O. 1732

26 P.O. 1731

13.0	CR322343	Cherry Rivet
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Comment: Qty.: 5.0000 Each(s)/Unit Total : 25.0000 Each(s)

RIVET M12706 51 MCF 5 P.O. 1731

20 P.O. 1730

26 P.O. 1732

Date: Wednesday, 6/7/2006 2:28:03 PM  
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## Process Sheet

Customer: CC-DAR01 Dart Aerospace Ltd.

Drawing Name: D206-746-011

Job Number: 27430

Part Number: Z\_CUSTOM

Job Number:



Seq. #:

Machine Or Operation:

Description :

14.0

NAS43DD348FC

Spacer



*AD* Comment: Qty.: 2.0000 Each(s)/Unit Total: 10.0000 Each(s)  
Spacer

*M101296 9m*

*8 P.O. 1730*

*2 P.O. 1732*

*12mcp*

*M17280 3mcp*

*2 P.O. 1731*

15.0

SCEET11

SCEET



*= 36"*

*66-06-13*



*12 P.O. 1731*

*AD* Comment: Qty.: 1.0000 f(s)/Unit Total: 15.0000 f(s)  
SCEET

*18 P.O.*

*M101282*

*3 P.O. 1732*

*3 P.O. 1731*

16.0

QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

*100/0/13*

17.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1  
PACKAGE 5 SEPARATE KITS (ref :NCR056) & SHIP N/C TO:  
1 FOR VIH  
4 FOR QUEST

*CY06/16/06*

*(5)*

18.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

*SP 06/06/16 (5)*

Job Completion



*4 06-06-16*

**Linda Lacelle**


---

**From:** Marc Bellavance [mbellavance@dartaero.com]  
**Sent:** Wednesday, June 07, 2006 1:22 PM  
**To:** pmcdonald@dartaero.com; 'Lacelle, Linda'; 'Dale Trepanier (E-mail)'  
**Cc:** 'Beckett, Bill'; 'Shahbazian, Serge'; 'Holly Menard'  
**Subject:** RE: D206-746-011 Kits: Update from Change 001 to Change 002  
**Importance:** High

FYI,

The non-conformance report number assigned to the D206-746-011 Change 002 update is: NCR-056.

**Marc Bellavance**  
**Mechanical Designer**

**DART** aerospace Ltd.

Tel: 613-632-3336 Ext. 238  
 Fax: 613-632-4443  
 E-mail: [mbellavance@dartaero.com](mailto:mbellavance@dartaero.com)  
 Web: [www.dartaero.com](http://www.dartaero.com)

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**From:** Marc Bellavance [mailto:mbellavance@dartaero.com]  
**Sent:** Tuesday, June 06, 2006 3:31 PM  
**To:** 'pmcdonald@dartaero.com'; 'Lacelle, Linda'; 'Dale Trepanier (E-mail)'  
**Cc:** 'Beckett, Bill'; 'Shahbazian, Serge'; 'Holly Menard'  
**Subject:** RE: D206-746-011 Kits: Update from Change 001 to Change 002

Peggy,

In terms of reworked parts, the update kit will include Rev. B parts to replace Rev. A parts the customers already have.

As for NCR number, I will consult Dale tomorrow morning to see what can be done.

**Marc Bellavance**  
**Mechanical Designer**

**DART** aerospace Ltd.

Tel: 613-632-3336 Ext. 238  
 Fax: 613-632-4443  
 E-mail: [mbellavance@dartaero.com](mailto:mbellavance@dartaero.com)  
 Web: [www.dartaero.com](http://www.dartaero.com)

---

**From:** Peggy McDonald [mailto:pmcdonald@dartaero.com]  
**Sent:** Tuesday, June 06, 2006 3:13 PM  
**To:** 'Marc Bellavance'; 'Lacelle, Linda'; 'Dale Trepanier (E-mail)'  
**Cc:** 'Beckett, Bill'; 'Shahbazian, Serge'; 'Holly Menard'  
**Subject:** RE: D206-746-011 Kits: Update from Change 001 to Change 002

Hi, Holly will issue NO CHARGE Sales Orders. Can DART Quality or Shipping provide us with a list of customers and quantities shipped, to ensure we do not miss anyone.

We will need unit pricing for these parts and an expected ship date.  
 Will you be shipping reworked parts (I am not sure what this means.)

Do we have a NCR number or something to reference on the Sales Orders as they will be NO Charge?

6/7/2006

Thanks  
Peggy

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**From:** Marc Bellavance [mailto:mbellavance@dartaero.com]  
**Sent:** Tuesday, June 06, 2006 1:46 PM  
**To:** Lacelle, Linda; McDonald, Peggy  
**Cc:** Beckett, Bill; Shahbazian, Serge  
**Subject:** D206-746-011 Kits: Update from Change 001 to Change 002  
**Importance:** High

Here is a list of what needs to be supplied to customers who purchased a D206-746-011 Change 001 to update their kits to Change 002.

The following list does not account for all the parts that require rework on a production or stock level. Linda, if you need more explanation about this, please let me know.

**Documents:**

- 1) Installation Instructions IIN-D206-746 Rev. A, released 06.05.16
- 2) Installation Drawing D206-746 Rev. A, released 06.05.16
- 3) Maintenance Manual Supplement MMS-D206-746 Rev. A, released 06.03.16

**Reworked Parts:**

- 1) D3475-5 Screen, QTY=1
- 2) D3475-7 Scoop Outlet, QTY=1
- 3) D3478-5 Screen, QTY=1
- 4) D3482-13 Insulation Hose, QTY=1

**New Parts:**

- 1) D3471-5 Stiffener, QTY=1
- 2) D3475-9 Gasket, QTY=1
- 3) D3478-7 Gasket, QTY=1
- 4) D3478-9 Inlet Scoop, QTY=1

**New Hardware:**

- 1) AN3-3A Bolt, QTY=26
- 2) AN960-4L Washer, QTY=4
- 3) AN960-10L Washer, QTY=26
- 4) CR2539-4-03 Rivet, QTY=5
- 5) NAS43DD3-48FC, QTY=2

**Updated Hardware QTY:**

- 1) SCEET 11 (2.75" Hose) : Length was 11', updated to 12'

I suggest that Production issues a Custom W/O to pick and package the above list.

Peggy, please provide Linda with whatever information she needs to ensure your 5 customers get their update kits.

Thanks!

**Marc Bellavance**  
**Mechanical Designer**

***DART*** aerospace Ltd.

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Fax: 613-632-4443

E-mail: [mbellavance@dartaero.com](mailto:mbellavance@dartaero.com)

Web: [www.dartaero.com](http://www.dartaero.com)

6/7/2006

--

No virus found in this outgoing message.  
Checked by AVG Free Edition.  
Version: 7.1.394 / Virus Database: 268.8.1/355 - Release Date: 6/2/2006

--

No virus found in this incoming message.  
Checked by AVG Free Edition.  
Version: 7.1.394 / Virus Database: 268.8.1/355 - Release Date: 6/2/2006

--

No virus found in this outgoing message.  
Checked by AVG Free Edition.  
Version: 7.1.394 / Virus Database: 268.8.1/355 - Release Date: 6/2/2006

--

No virus found in this outgoing message.  
Checked by AVG Free Edition.  
Version: 7.1.394 / Virus Database: 268.8.2/356 - Release Date: 6/5/2006

**Linda Lacelle**

**From:** Marc Bellavance [mbellavance@dartaero.com]  
**Sent:** Tuesday, June 06, 2006 1:46 PM  
**To:** Lacelle, Linda; McDonald, Peggy  
**Cc:** Beckett, Bill; Shahbazian, Serge  
**Subject:** D206-746-011 Kits: Update from Change 001 to Change 002  
**Importance:** High

Here is a list of what needs to be supplied to customers who purchased a D206-746-011 Change 001 to update their kits to Change 002.

The following list does not account for all the parts that require rework on a production or stock level. Linda, if you need more explanation about this, please let me know.

**Documents:**

- 1) Installation Instructions IIN-D206-746 Rev. A, released 06.05.16
- 2) Installation Drawing D206-746 Rev. A, released 06.05.16
- 3) Maintenance Manual Supplement MMS-D206-746 Rev. A, released 06.03.16

**Reworked Parts:**

- 1) D3475-5 Screen, QTY=1
- 2) D3475-7 Scoop Outlet, QTY=1 ✓
- 3) D3478-5 Screen, QTY=1
- 4) D3482-13 Insulation Hose, QTY=1

**New Parts:**

- 1) D3471-5 Stiffener, QTY=1
- 2) D3475-9 Gasket, QTY=1
- 3) D3478-7 Gasket, QTY=1
- 4) D3478-9 Inlet Scoop, QTY=1 ✓

**New Hardware:**

- 1) AN3-3A Bolt, QTY=26
- 2) AN960-4L Washer, QTY=4
- 3) AN960-10L Washer, QTY=26
- 4) CR2539-4-03 Rivet, QTY=5 ~ 100 plg 108.99
- 5) NAS43DD3-48FC, QTY=2

**Updated Hardware QTY:**

- 1) SCEET 11 (2.75" Hose) : Length was 11', updated to 12'

I suggest that Production issues a Custom W/O to pick and package the above list.

Peggy, please provide Linda with whatever information she needs to ensure your 5 customers get their update kits.

Thanks!

**Marc Bellavance**  
**Mechanical Designer**

**DART** aerospace Ltd.

Tel: 613-632-3336 Ext. 238

Fax: 613-632-4443

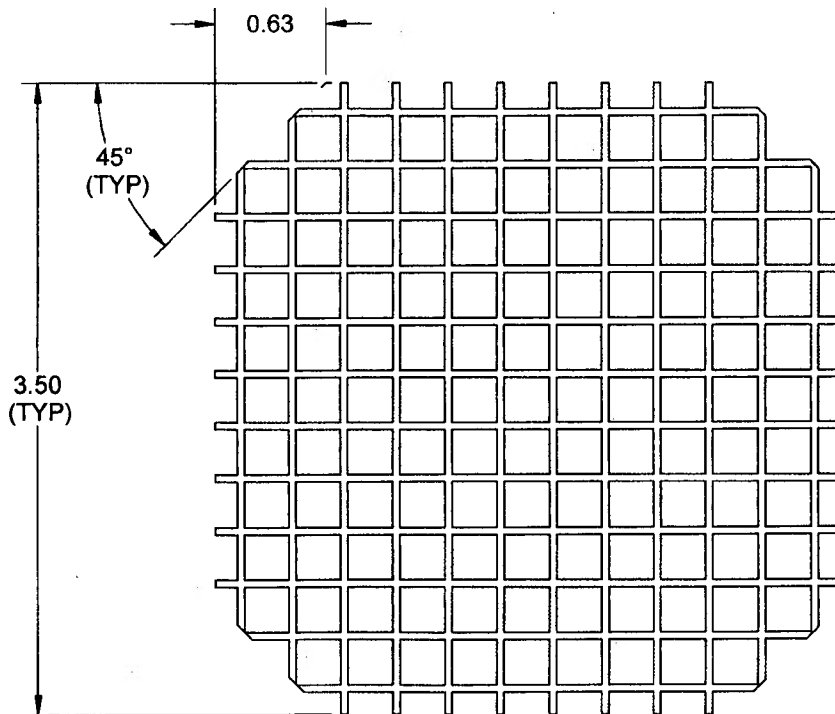
E-mail: [mbellavance@dartaero.com](mailto:mbellavance@dartaero.com)

Web: [www.dartaero.com](http://www.dartaero.com)

6/6/2006

**DART**

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. <b>D3475</b>	REV. B SHEET 4 OF 7
DATE <b>06.05.16</b>		TITLE <b>DUMP OUTLET</b>	SCALE 1:1

**RELEASED**  
*06.05.16***D3475-5 SCREEN****NOTES:**

- 1) MATERIAL: #4 MESH SCREEN, 0.203" OPENING,  $\phi$ 0.047" WIRE  
(REF. DART SPEC. M304MS4.203-.047)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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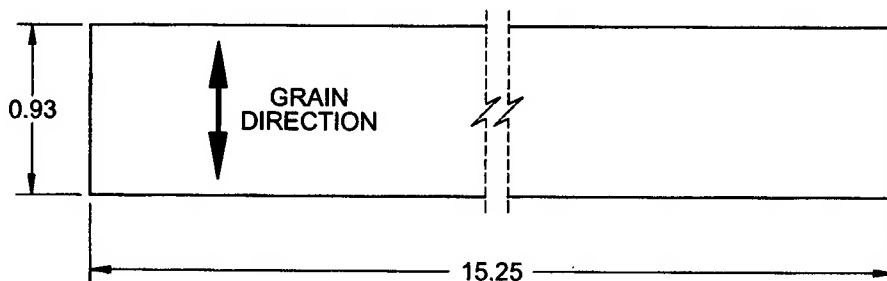
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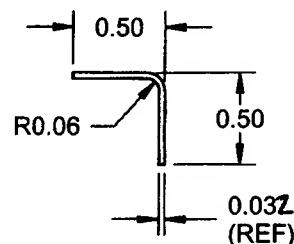


DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3471	REV. A SHEET 5 OF 5
DATE 05.12.21		TITLE BLOWER MOTOR SUPPORT	SCALE 1:1

06.04.03 *[Signature]*



**D3471-5F STIFFENER FLAT PATTERN**



**D3471-5 STIFFENER BENDING DETAIL**

**D3471-5 STIFFENER**

**NOTES:**

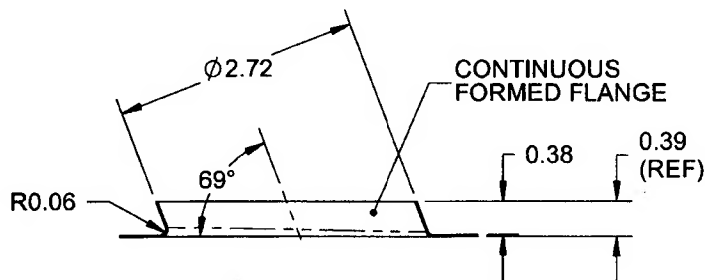
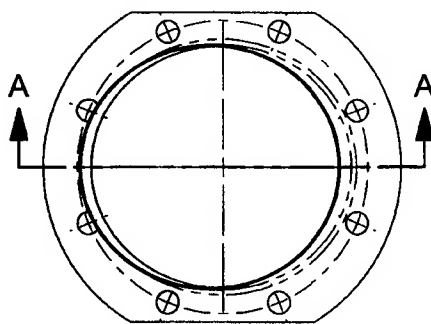
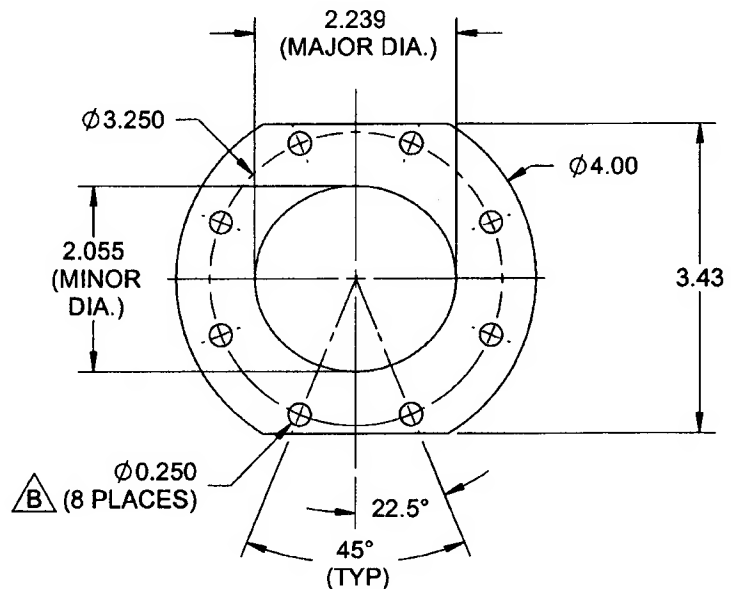
- 1) MATERIAL: 2024-T3 ALUMINUM SHEET (0.032" THICK)  
PER QQ-A-250/4 OR AMS 4037  
(REF. DART SPEC. M2024T3S.032)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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**DART**

DESIGN B	DRAWN BY B	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. <b>D3475</b>	REV. B SHEET 2 OF 7
DATE <b>06.05.16</b>		TITLE <b>DUMP OUTLET</b>	SCALE 1:2

**RELEASED**  
06-05-16**SECTION A-A****D3475-1 OUTLET  
ADAPTER PLATE****D3475-1F FLAT PATTERN****NOTES:**

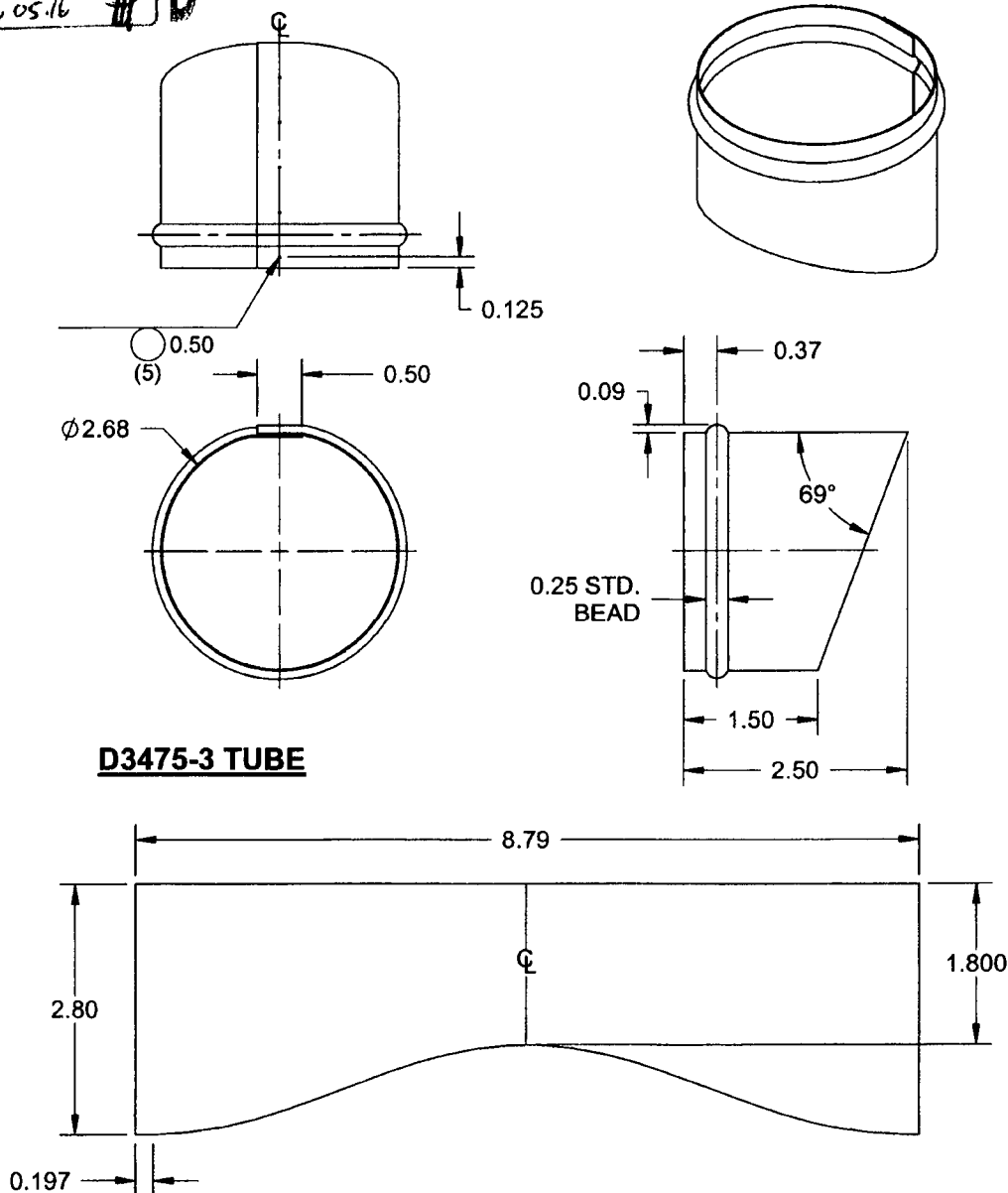
- 1) MATERIAL: AISI 304/316 SS SHEET PER MIL-S-5019 (ANNEALED) 2B FINISH  
26 GAUGE SS (0.018 THICK)  
(REF. DART SPEC. M304S26GA)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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**DART**

DESIGN #B	DRAWN BY #B	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. <b>D3475</b>	REV. B SHEET 3 OF 7
DATE <b>06.05.16</b>		TITLE <b>DUMP OUTLET</b>	SCALE 1:2

**RELEASED**  
06.05.16 #**D3475-3 TUBE****D3475-3F TUBE FLAT PATTERN****NOTES:**

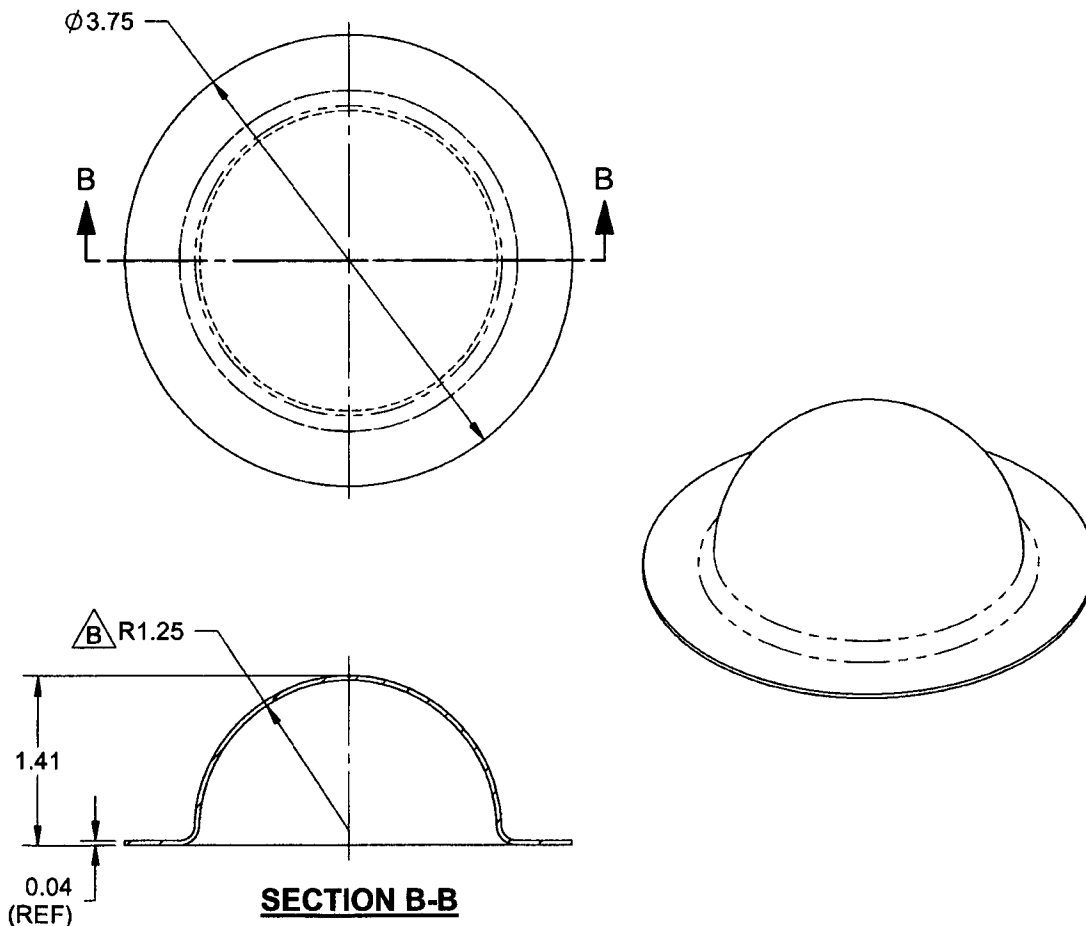
- 1) MATERIAL: AISI 304/316 SS SHEET PER MIL-S-5019 (ANNEALED) 2B FINISH  
26 GAUGE SS (0.018 THICK)  
(REF. DART SPEC. M304S26GA)
- 2) FLAT PATTERN IS SYMMETRICAL ABOUT CENTERLINE
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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**DART**

DESIGN #	DRAWN BY #	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. <b>D3475</b>	REV. B SHEET 5 OF 7
DATE <b>06.05.16</b>		TITLE <b>DUMP OUTLET</b>	SCALE 1:1.5

**RELEASED**  
06.05.16**D3475-7S SCOOP OUTLET, SPINNING DETAIL****NOTES:**

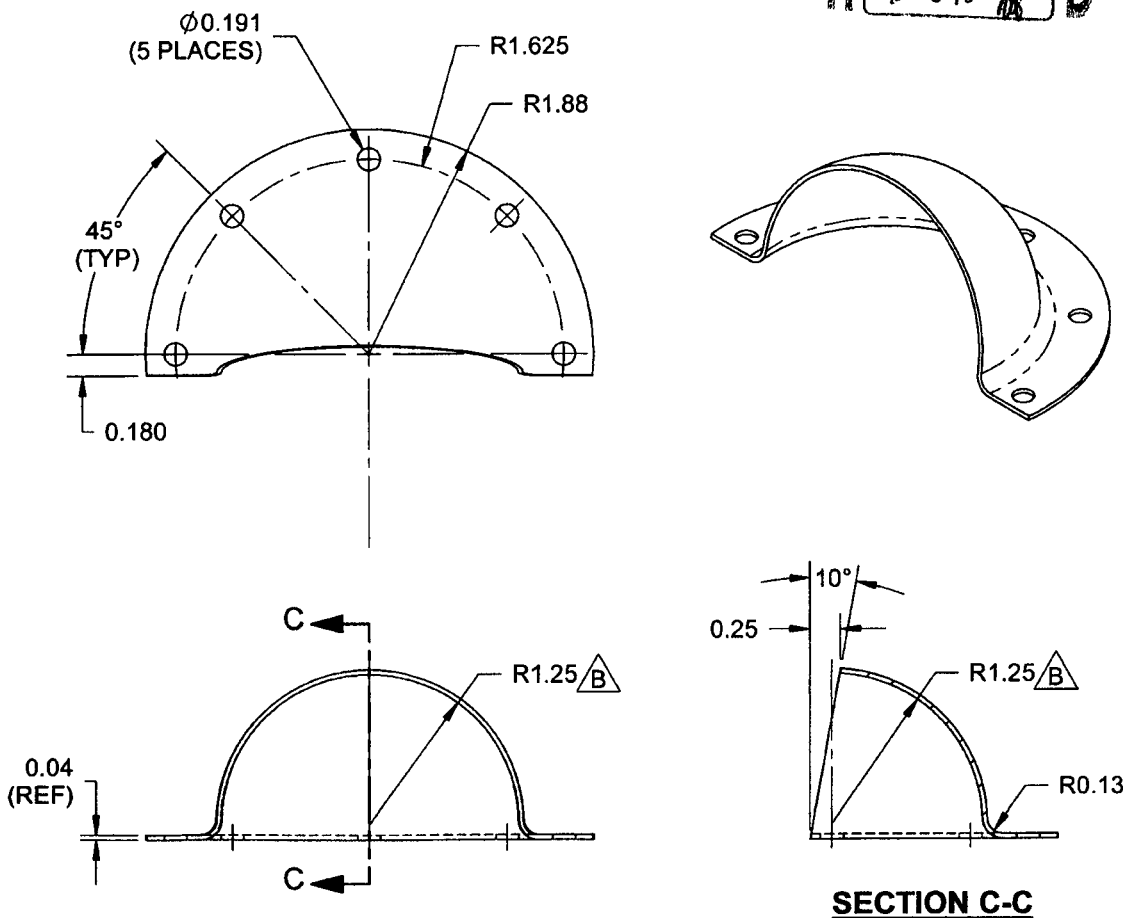
- 1) MATERIAL: 2024-0 ALUMINUM SHEET, 0.040" THICK PER AMS-QQ-A-250/4  
OR AMS 4037 (REF. DART SPEC. M2024T0S.040)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. <b>D3475</b>	REV. B SHEET 6 OF 7
DATE <b>06.05.16</b>		TITLE <b>DUMP OUTLET</b>	SCALE 1:1.5

**RELEASED**  
*06.05.16***D3475-7 SCOOP OUTLET****NOTES:**

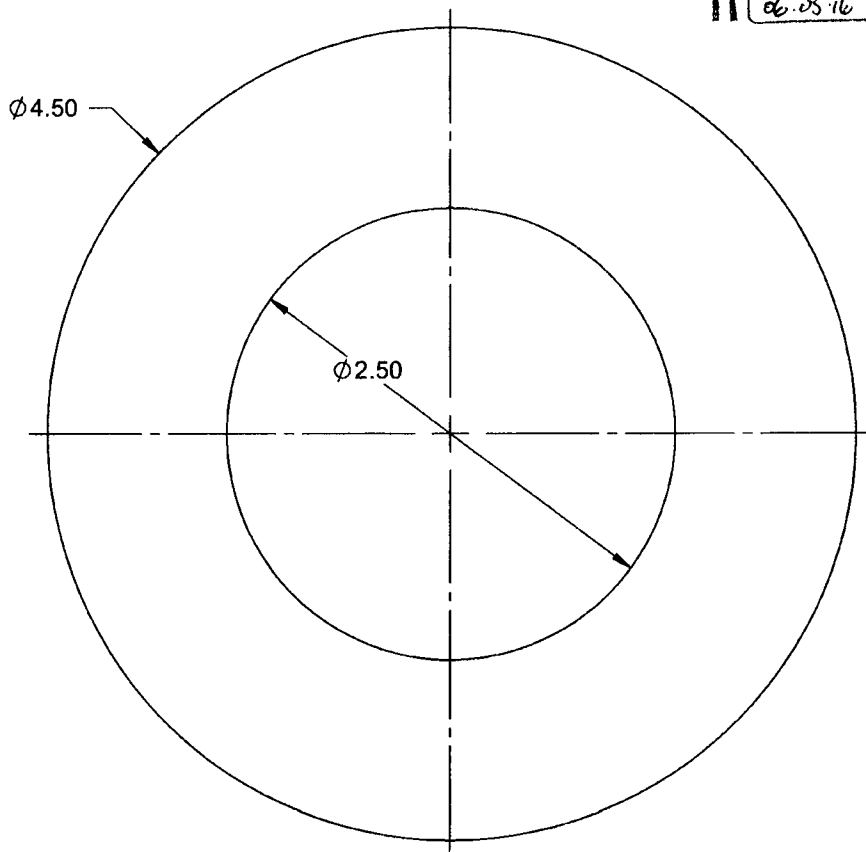
- 1) MATERIAL: MAKE FROM D3475-7S
- 2) IDENTIFY WITH DART P/N D3475-7 USING FINE POINT PERMANENT INK MARKER
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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**DART**

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. <b>D3475</b>	REV. B SHEET 7 OF 7
DATE <b>06.05.16</b>		TITLE <b>DUMP OUTLET</b>	SCALE 1:1

**RELEASED**  
*06.05.16***D3475-9 OUTLET GASKET****NOTES:**

- 1) MATERIAL: RED (OR GRAY) 60 DUROMETER HI-TEMPERATURE SILICONE SHEET, 0.063 THICK (REF. DART SPEC. M-SIL60-S.063)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

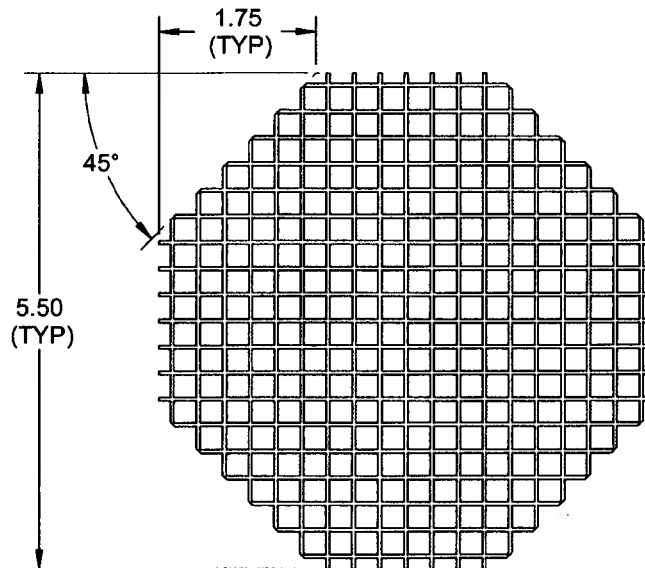
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**DART**

DESIGN <i>B</i>	DRAWN BY <i>B</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>ff</i>	APPROVED <i>ff</i>	DRAWING NO. <b>D3478</b>	REV. B SHEET 4 OF 7
DATE <b>06.05.16</b>		TITLE <b>AIR INLET ADAPTER</b>	SCALE 1:2

**RELEASED**  
06.05.16 *ff*



**D3478-5 SCREEN**

**NOTES:**

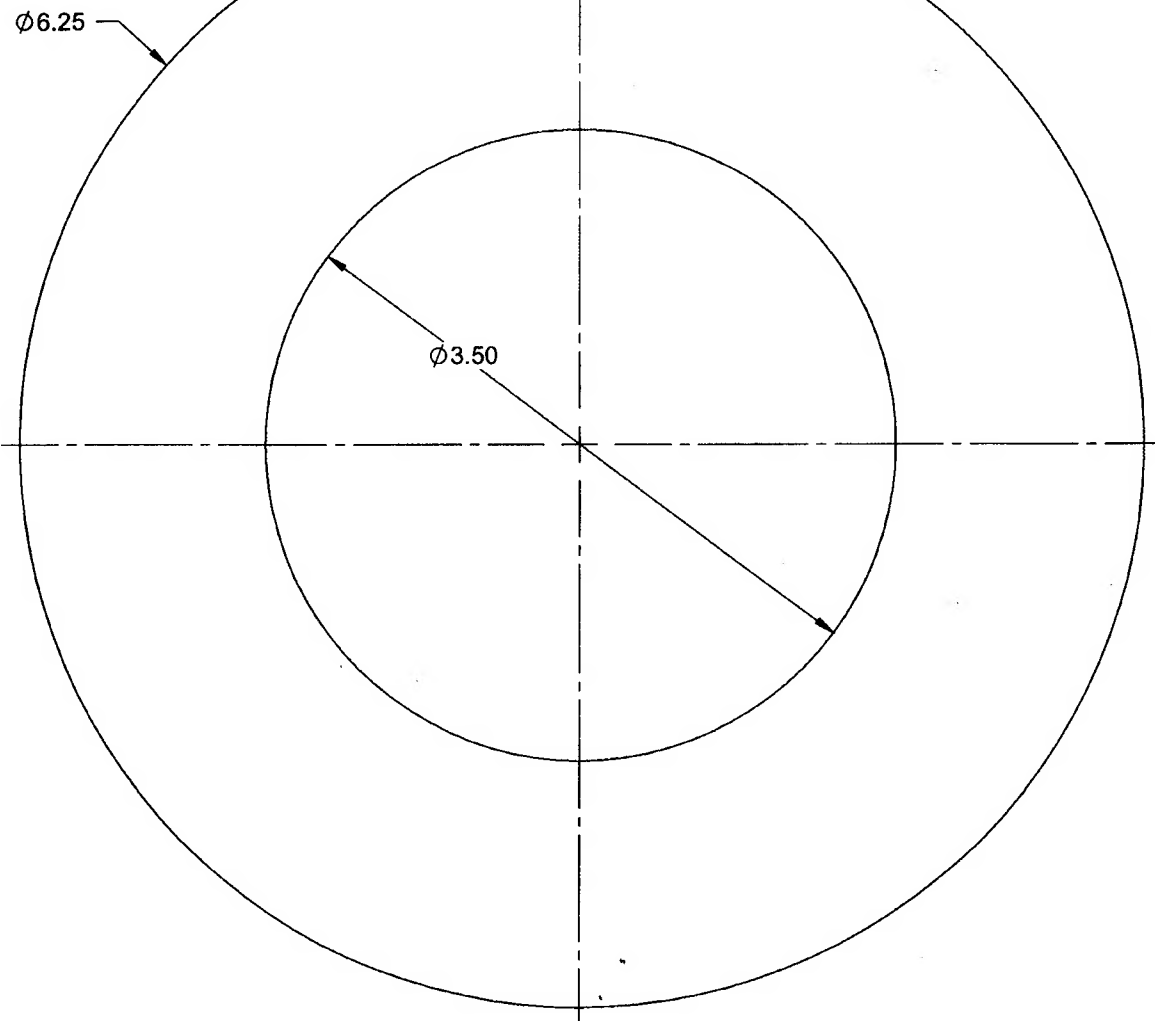
- 1) MATERIAL: #4 MESH SCREEN, 0.203" OPENING,  $\phi$ 0.047" WIRE  
(REF. DART SPEC. M304MS4.203-.047)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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DESIGN B	DRAWN BY B	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
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DATE <b>06.05.16</b>		TITLE <b>AIR INLET ADAPTER</b>	SCALE 1:1

**RELEASED**  
06.05.16 H**D3478-7 INLET GASKET****NOTES:**

- 1) MATERIAL: RED (OR GRAY) 60 DUROMETER HI-TEMPERATURE SILICONE SHEET, 0.063 THICK (REF. DART SPEC. M-SIL60-S.063)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

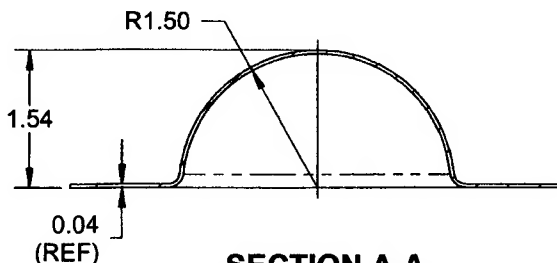
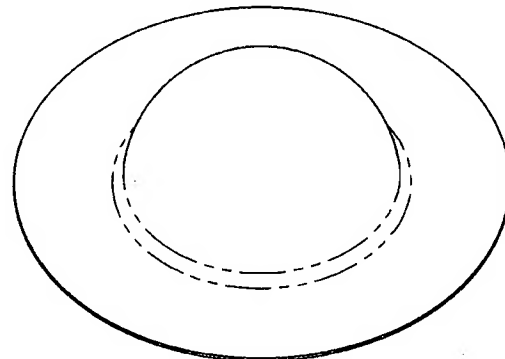
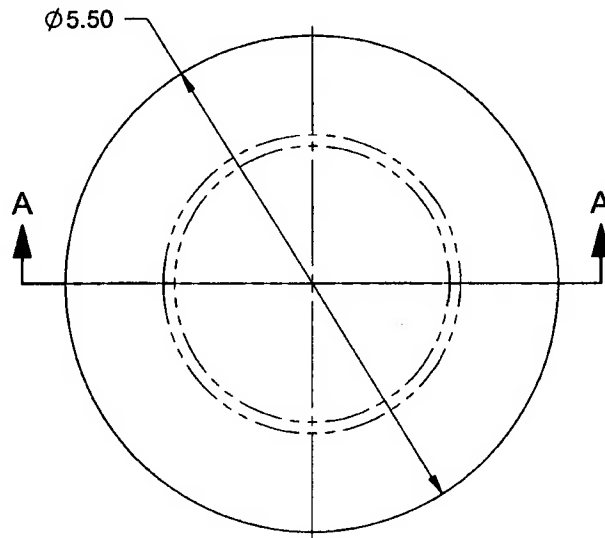
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DATE <b>06.05.16</b>		TITLE <b>AIR INLET ADAPTER</b>	SCALE 1:2

**RELEASED**  
06.05.16**SECTION A-A****D3478-9S AIR INLET SCOOP, SPINNING DETAIL****NOTES:**

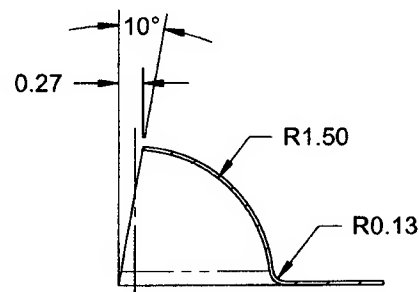
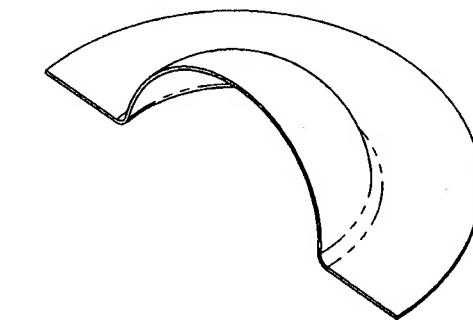
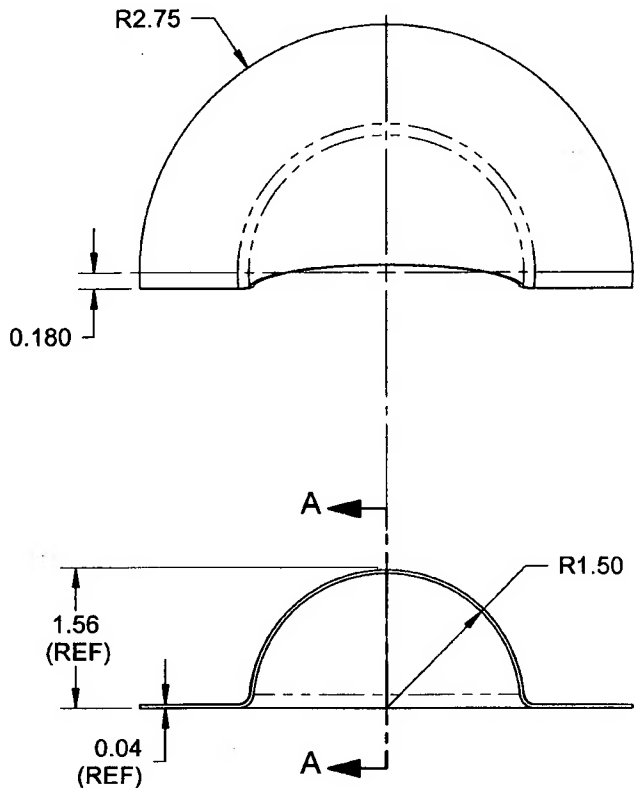
- 1) MATERIAL: 2024-0 ALUMINUM SHEET, 0.040" THICK PER AMS-QQ-A-250/4 OR AMS 4037 (REF. DART SPEC. M2024T0S.040)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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CHECKED [Signature]	APPROVED [Signature]	DRAWING NO. <b>D3478</b>	REV. B SHEET 7 OF 7
DATE <b>06.05.16</b>		TITLE <b>AIR INLET ADAPTER</b>	SCALE 1:2

**RELEASED**  
06.05.16 [Signature]**SECTION A-A****D3478-9 INLET SCOOP****NOTES:**

- 1) MATERIAL: MAKE FROM D3478-9S
- 2) IDENTIFY WITH DART P/N D3478-9 USING FINE POINT PERMANENT INK MARKER
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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